

IFW 263X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of: K. Ruotsalainen, et al

Attorney Docket No.: 944-5.7

Application No.: 10/092,358

Group No.: 2634

Filed: March 6, 2002

Examiner: To be assigned

For: METHOD AND APPARATUS FOR MODULATION USING AN AT LEAST FOUR-DIMENSIONAL SIGNAL CONSTELLATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 C.F.R. 1.56.

This Information Disclosure Statement is timely since it is certified by the undersigned that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office (copy enclosed) in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement per 37 C.F.R. 1.97(c) and 37 C.F.R. 1.97 (e)(1), therefore, the undersigned respectfully submits that no fee is due. The Commissioner is hereby authorized to charge to Deposit Account 23-0442 any fee deficiency required to submit this Supplemental Information Disclosure Statement.

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to Director of the United States Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

*Sue Muro*  
Sue Muro

*10/13/06*  
Date

The references are listed in the enclosed foreign search report dated August 10, 2004. A  
PTO 1449 listing the cited references is also enclosed.

Respectfully submitted,



James A. Retter  
Registration No. 41,266

Date: 13 Oct. 2006

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FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.  
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SERIAL NO.  
10/092,358

APPLICANTS: K. Ruotsalainen, et al

FILING DATE:  
March 6, 2002

ART UNIT: 2634

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

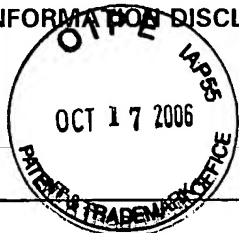
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	TRANSLATION YES/NO
	EP	0 485 105 A2	13 May 1992	Lawrence, Victor Bernard			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


Examiner

Date:





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Applicant: **K. Ruotsalainen, et al.**  
For: **Method and Apparatus for Modulation Using an at least ...**

Serial No./Patent No. **10/092,358**

Filed/Issued: **March 6, 2002**

The following papers were received in the U.S. Patent and Trademark Office:

<input type="checkbox"/> RCE	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Amendment Transmittal	<input type="checkbox"/> Transmittal of Formal Drawings
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<input type="checkbox"/> Maintenance Fee Transmittal	<input type="checkbox"/> PTO/SB/44 in duplicate

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Attorney: **JAR/smm** Date Mailed: **10/13/06** Docket No. **944-005.7**

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